

**IN THE CLAIMS:**

1           1.-6. (Cancelled)

1           7. (Currently Amended) An improved lighting apparatus for backlighting a liquid  
2        crystal display in the cockpit of an aircraft, that may be viewed by a pilot wearing NVIS-A or  
3        NVIS-B night vision goggles, the lighting apparatus comprising:

4           a.       a pair of light emitting diode arrays disposed [alongside the] on a plane  
5        perpendicular to the plane of the liquid crystal display [for providing illumination thereof], each  
6        light emitting diode array having a plurality of different groups of [different] like colored light  
7        emitting diodes;

8           b.       light pipes parallel to the plane of the liquid crystal display for  
9        transmitting light from said light emitting diode arrays into the [across a] plane [parallel with and  
10      alongside] of said liquid crystal display for providing illumination thereof,

11          c.       filters disposed between each of the arrays and the light pipes for filtering  
12      out infra-red light from the light emitting diodes; and

13          d.       a switch for selectively powering [each] different groups of like colored  
14      [same color plurality of] light emitting diodes [in a group] in the arrays or powering all the light  
15      emitting diodes in the [array] arrays;

16               whereby the lighting apparatus is switchable for use with NVIS-A and NVIS-B  
17        night vision goggles.

1           8. (Currently Amended) The lighting apparatus of Claim 7 wherein each [of the  
2        arrays of] light emitting [diodes include] diode array includes different groups of like colored  
3        diodes, each group emitting only red green or blue light.

1 9.-14. (Cancelled)

1 15. (Currently Amended) A method for illuminating a liquid crystal display in an  
2 aircraft cockpit for viewing by a pilot wearing NVIS-A or NVIS-B night-vision goggles, [said]  
3 the steps of the method comprising:

4 a. activating an array of [a plurality of different color] light emitting diodes  
5 having a plurality of different groups of like colored light emitting diodes adjacent the liquid  
6 crystal display;

7 b. transmitting light from the light emitting diode array into the plane of the  
8 liquid crystal display to illuminate the liquid crystal display;

9 [b.]c. filtering infra-red light emitted by the array of light emitting diodes before  
10 it is transmitted to the liquid crystal display; and,

11 [c.]d. selectively switching on [the] different groups of like colored light  
12 emitting diodes in the array or switching on all the light emitting diodes in the array [in groups,  
13 according to color] so that the [as required by a] pilot of the aircraft may use NVIS-A or NVIS-B  
14 night vision goggles.

1 16. (Currently Amended) The method of Claim 15 wherein the step of switching  
2 further includes switching on [only those] groups of like colored light emitting diodes emitting  
3 only green red or blue light.

1 17.-20. (Cancelled)

1           21. (New) The improved lighting apparatus of Claim 7 wherein the filters are  
2 adapted for NVIS-B goggles letting a small amount of red light through.

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1           22. (New) The improved light apparatus of Claim 21 wherein when NVIS-B goggles  
2 are worn by the pilot, the switch is set to light all the light emitting diodes in the arrays.

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1           23. (New) The improved lighting apparatus of Claim 21 wherein when NVIS-A  
2 goggles are worn by the pilot, the switch is set to light only one different group of like colored  
3 light emitting diodes in the array.

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1           24. (New) The method of Claim 15 wherein the filtering step further comprises  
2 letting a small amount of red light through.

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1           25. (New) The method of Claim 15 wherein in the selectively switching step, when  
2 NVIS-B goggles are worn by the pilot, all the light emitting diodes in the array are switched on.

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1           26. (New) The method of Claim 15 wherein in the selectively switching step, when  
2 NVIS-A goggles are worn by the pilot, only one different group of like colored light emitting  
3 diodes in the array are switched on.

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1           27. (New) The method of Claim 26 wherein the one different group of like colored  
2 light emitting diodes is not red.

1        28. (New) An improved lighting apparatus for backlighting a liquid crystal display  
2        that may be viewed by a person wearing NVIS-A or NVIS-B night vision goggles, the lighting  
3        apparatus comprising:

4                a light emitting diode array having a plurality of different groups of like colored  
5        light emitting diodes disposed to back-light the liquid crystal display;

6                a filter disposed between the light emitting diode array and the liquid crystal  
7        display for filtering out infra-red light from the light emitting diodes; and

8                a switch for selectively powering different groups of like colored light emitting  
9        diodes in the array or powering all the light emitting diodes in the array;

10               whereby the lighting apparatus is switchable for use with NVIS-A and NVIS-B  
11        night vision goggles.